

# Anshika Gupta

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## Objective

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Proficient in Power BI, SQL, AWS Redshift, and data visualization, with skills in ETL workflows, data modeling, and performance optimization. Skilled in migrating reporting systems, automating reports, and enhancing data accuracy to support data-driven decision-making. Experienced in database performance tuning, dashboard development, and Agile methodologies (JIRA, Confluence, Kanban) for efficient project execution and stakeholder collaboration.

## Technologies

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**BI & Reporting Tools:** Power BI(Desktop, Service, Report Server, Dataflows, DAX, Power Query M, Report Builder), SAP BO, Tableau

**Programming & Scripting :** SQL, Python

**Databases :** Oracle, Amazon Redshift, SQL Server

**Cloud Platforms & Services :** AWS (Redshift, Glue, S3, Athena)

**ETL & Data Processing :** AWS Glue, Apache Airflow(DAG Monitoring)

**Collaboration & Devops tools :** JIRA, Confluence, Kanban, Bitbucket, SonarQube

## Experience

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**System Engineer** , Tata Consultancy Services

February 2022 – Present

- Experienced in HR, Finance, and BBS domains as a Data Analyst and Power BI Developer delivering impactful data solutions and business insights.
- Successfully migrated reporting systems from SAP BO to Power BI, improving analytics and report performance by 30%.
- Designed and implemented Power BI Dataflows and reusable datasets, which were used to create multiple consistent and high-performance reports.
- Evaluated and mapped data for Oracle to Amazon Redshift migration, achieving 100% seamless data transition.
- Developed and optimized 40+ Power BI reports (Desktop, Gateway, Service, Report Server, Report Builder) including Paginated Reports, increasing reporting efficiency by 25%.
- Created, managed, and maintained SQL queries, stored procedures, tables, views, and scripts to support data extraction and reporting.
- Managed and monitored ETL pipelines using AWS Glue and Apache Airflow, including continuous DAG monitoring for reliable data processing.
- Used Amazon Athena and S3 for data storage and fast querying with 98% data availability.
- Worked on Bitbucket for version control—managed repos, pushed production files, built pipelines, and ensured code quality with SonarQube.
- Used JIRA, Confluence, and Kanban boards for Agile project management with a 90% success rate in sprint deliveries.
- Skilled in Power Query M, DAX, data modeling, cleansing, and transformation for generating optimized business insights.

**Analyst**, Cognizant

Aug 2021 – Feb 2022

- Led cloud cost optimization for AWS & Azure, reducing expenses by eliminating inefficiencies.
- Developed cost-saving strategies aligned with client budgets.
- Presented reports to management, influencing strategic decisions.

## Projects

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### Project 1 : SAP BO to Power BI Migration

- Led the migration of existing SAP BO reports to Power BI, ensuring complete functional and visual parity.
- Worked closely with the business teams to gather new reporting requirements and developed reports from scratch.
- Built detailed Power BI datasets with proper relationships, hierarchies, and DAX measures, reused across multiple reports.
- Created Paginated Reports using Power BI Report Builder and integrated with Power BI Service.
- Designed datasets and calculated columns/measures using Power Query M and DAX.
- Worked with stakeholders for UAT, requirement gathering, testing, final deployment and documentation for knowledge transfer.
- Managed report deployment using Power BI gateway and schedules refreshes.

### Project 2 : Oracle to Redshift Migration

- Worked on data migration project from Oracle to Amazon Redshift, including data mapping, validation, and transformation.
- Designed Redshift schemas, tables, views, stored procedures, supporting downstream reporting and analytics.
- Developed ETL pipelines using AWS Glue and Apache Airflow, and actively monitored DAG executions and failures.
- Integrated Redshift and Athena with Power BI to create interactive dashboards and reports using real-time data.
- Used Amazon Athena and S3 for building ad-hoc reports and data querying.
- Responsible for data transformation, validation and reporting.
- Worked in Bitbucket to manage code versioning—created repositories, pushed production scripts, built pipelines, and integrated with SonarQube for code quality analysis.

## Education

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**University Institute of Engineering & Technology**, B.Tech in Electronics and Communication Engineering

Jul 2016 – Sept 2020

- CPI: 7.25/10

## Certifications / Achievements

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**Microsoft Certified: Power BI Associate Certification** : Earned certification as a Microsoft Power BI Associate.

**AWS Certified Cloud Practitioner** : Knowledge of AWS cloud services.

**On-the-Spot Awards** : Received four "On-the-Spot Awards" for exceptional performance and contributions.

**Best Team Award** : Received "Best Team Award" for outstanding team collaboration and results.